

**EXTRA LEGA - ACCIAI DA COSTRUZIONE, PER MOLLE E CUSCINETTI
IN SEMILAVORATI, BILLETTE, BARRE, ROTOLI E LAVORATI A FREDDO**

**ALLOY SURCHARGE - ENGINEERING STEELS, STEELS FOR SPRINGS AND BEARINGS
IN SEMIS, R.C.S. BILLETS, ROLLED AND FORGED ROUND BARS, COILS**

valido per Settembre 2021- valid for September 2021 shipment
da applicarsi a fine fattura in €/t - at the end of invoice in €/t

MARCA / GRADE	NORM	lingotti e colata continua	billette, barre e rotoli e forgiati	lavorati a freddo
		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough- turned and peeled
Acciai per bulloneria / Bolts and nuts steels				
38 Cr 1 KB	EN 10263	18	20	24
38 Cr 2 KB	EN 10263-4	23	26	31
34 - 41Cr 4 KB	EN 10263-4	32	36	43
25 - 42 CrMo 4 KB	EN 10263-4	104	117	139
30 -40 NiCrMo 2 KB	EN 10263	182	205	243
38 NiCrMo 4 KB	EN 10263	214	240	285
34 CrNiMo 6 KB	EN 10263-4	325	366	434
40 NiCrMo 7 KB	EN 10263	355	399	473
Acciai da bonifica / Hardening and tempering steels				
QS1105200		21	24	28
41 Cr 4	EN 10083.1	34	38	45
36 CrMn 4	UNI 7847	36	41	48
51 CrV 4	EN 10083.1	76	85	101
25 - 42 CrMo 4	EN 10083.1	104	117	139
20-25 MoCr4		161	181	215
40 NiCrMo 2	EN 10083.1	168	189	224
36CrNiMo4	EN 10083.1	226	254	301
39 NiCrMo 3	EN 10083.1	213	239	284
40 NiCrMo 7	UNI 6926	358	402	477
30CrNiMo 8	EN 10083.1	464	522	619
30 NiCrMo 12		588	662	785
30 NiCrMoV 12	UNI 6787	624	702	832
36 NiCrMo 16	EN 10083.1	685	770	913
Acciai da cementazione / Case hardening steels				
16 MnCr 5	EN 10084	37	42	49
20 MnCr 5	EN 10084	43	48	57
SAE 94B17		100	113	133
18 CrMo 4	EN 10084	95	107	127
12 NiCr 3		110	124	147
16 - 20 CrNi 4	EN 10084	167	188	223
16 NiCr 11	EN 10084	399	449	532
16 - 20 NiCrMo 2	EN 10084	161	181	215
18 NiCrMo 5	EN 10084	280	315	373
17 CrNiMo 6	EN 10084	367	413	489
18 NiCrMo 7	EN 10084	386	434	514
Acciai da nitrurazione / Nitriding steels				
31 CrMo 12	EN 10085	191	214	254
31 CrMoV 9	EN 10085	153	173	205
34 - 41CrAlMo 7	EN 10085	153	173	205
Acciai per tempra superficiale / Surface hardening steels				
38 Cr 4	UNI 7847	33	37	44
36 CrMn 4	UNI 7847	37	42	50
41 CrMo 4	UNI 7847	93	104	124
40 NiCrMo 3	UNI 7847	214	240	285

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Acciai alte temperature / Creep resisting steels				
16 Mo 5	EN 10216	181	203	241
14 CrMo 3	EN 10216	196	221	262
18 CrMoSi 4	EN 10222	211	237	281
11 CrMo 9 10	EN 10222.2	362	407	483
16 CrMo 20 5	EN 10216.2	272	306	363
Acciai basse temperature / Steels for low temperatures				
18 Ni 14	EN 10216-4	492	553	655
X 12 Ni 09	EN10222-4	1257	1414	1676
Acciai per cuscinetti / Bearing steels				
100 Cr 6	EN 683.17	37	42	49
100 CrMo 7	EN 683.17	119	134	159
100 CrMn 4	EN 683.17	33	38	45
Acciai per molle / Spring steels				
48 - 60 Si 7	EN 10089	37	42	50
60 SiCr 8	EN 10089	48	54	64
52 SiCrNi 5	EN 10089	131	148	175
45 SiCrMo 6	EN 10089	105	118	140
55 Cr 3	EN 10089	29	32	38
50 CrV 4	EN 10089	74	83	98
51 CrMoV 4	EN 10089	132	148	176
Acciai microlegati / Micro-alloyed steels				
19 - 46 MnV 6	EN 10267	49	55	65
19 - 46 MnVS 6	EN 10267	51	57	68
38MnSiVS6		54	60	72
D25M6		56	63	74
48MnV3		38	43	51
Acciai vari / Other steels				
1.0038	S235JR	10	11	13
1.0432	C21	18	20	24
1.0460	P250GH	8	10	11
1.0482	19Mn5	23	26	31
1.0503	C45	8	10	11
1.0511	C40	8	10	11
1.0528	C30	8	10	11
1.0535	C55	13	15	18
1.0540	C50	10	11	13
1.0553	S355J0	22	25	30
1.0565	P355NH	21	24	28
1.0566	P355NL1	17	19	22
1.0570	S355J2G3	18	20	23
1.0577	S355J2	21	24	28
1.0715	11SMn30	14	16	19
1.0721	10S20	15	17	20
1.0726	35S20	16	18	22
1.0764	36SMn14	20	22	26
1.1108	10Mn4	18	20	24
1.1121	C10E	10	11	14
1.1127	38Mn6	24	27	32
1.1132	C15E2C	10	12	14
1.1140	C15R	10	11	13
1.1141	C15E	9	10	12
1.1160	22Mn6	24	27	32
1.1167	36Mn5	18	20	23
1.1181	C35E	11	13	15
1.1191	C45E/CK45	12	14	16
1.1197	25MnV5	34	38	45
1.1201	C45R	8	10	11
1.1206	C50E	10	11	13
1.1213	CF53	7	8	10
1.1219	C56E2	10	11	13
1.1221	C60E	14	15	18
1.1231	C67S	14	15	18
1.1236	C66D2	8	9	11
1.1241	C50R	10	11	13
1.1301	19MnVS6	49	55	65
1.1302	30MnVS6	51	57	68
1.1303	38MnVS6	53	59	71

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1.1304	46MnVD6	52	59	70
1.1305	46MnVS3	49	55	66
1.2007	70Cr2	27	30	36
1.2067	102Cr6	37	42	49
1.2242	59CrV4	59	66	78
1.2826	60MnSiCr4	33	37	44
1.3505	100Cr6	37	42	49
1.3520	100CrMnSi6-4	67	75	89
1.3531	16CrNiMo6	345	388	459
1.3536	100CrMo7-3	132	149	176
1.3537	100CrMo7	105	118	140
1.3538	100CrMo7-4	186	210	249
1.3539	100CrMnMoSi8-4-6	226	254	301
1.4021	X 20 Cr 13	273	307	363
1.4901	X10CrWMoVNb9-2	1030	1078	1373
1.4903	X10CrMoVNB9-1	541	609	722
1.5066	30Mn5	22	24	29
1.5120	38MnSi4	28	31	37
1.5216	17MnV6	59	66	78
1.5217	20MnV6	58	65	77
1.5223	42MnV7	49	55	65
1.5231	38MnSiVS5	54	60	72
1.5232	27MnSiVS6	55	62	74
1.5233	44MnSiVS6	55	62	74
1.5243	42MnSiV3 - 3	40	45	53
1.5415	16Mo3	104	116	138
1.5423	16Mo5	177	199	236
1.5523	19MnB4	13	14	17
1.5526	30MNB4	20	22	26
1.5527	40MnB4	24	27	31
1.5532	38MnB5	17	19	23
1.5662	X 8 Ni 9	1254	1411	1672
1.5708	12NiCr3	106	120	142
1.5715	16NiCrS4	167	188	223
1.5752	15NiCr13	478	537	637
1.5810	18 NiCr 5-4	217	244	289
1.5918	17 CrNi 6-6	253	285	338
1.6510	39 NiCrMo 3	203	228	270
1.6511	36 CrNiMo 4	243	273	324
1.6522	20 NiCrMo 2	157	176	209
1.6523	20 NiCrMo 2-2	161	181	215
1.6526	20NiCrMoS2-2	158	178	211
1.6527	20NiCrMo3	191	215	255
1.6541	23 MnNiCrMo 5 2	178	201	238
1.6562	40 NiCrMo 8-4	390	439	521
1.6563	41 NiCrMo 7-3-2	358	402	477
1.6566	17 NiCrMo 6-4	280	315	373
1.6580	30 CrNiMo 8	464	522	619
1.6582	34 CrNiMo 6	314	353	418
1.6587	18 CrNiMo 7-6	367	413	489
1.6657	14 NiCrMo 13-4	590	664	787
1.6758	23 MnNiMoCr 5-4	333	374	443
1.6782	16NiCrMo12-6	555	624	740
1.6959	35 NiCrMoV 12-5	651	732	868
1.7016	17Cr3	30	34	40
1.7033	34Cr4	34	38	45
1.7034	37Cr4	34	38	45
1.7035	41Cr4	34	38	45
1.7039	41CrS4	34	38	45
1.7043	38Cr4	34	38	45
1.7076	32CrB4	30	33	40
1.7077	36CrB4	32	36	43
1.7117	52SiCrNi5	131	148	175
1.7131	16 MnCr 5	37	42	50
1.7137	60 MnCrB 3	30	34	40
1.7139	16 MnCrS 5	37	42	50
1.7147	20 MnCr 5	43	48	57
1.7148	30MnCrB4-2	43	48	57
1.7149	20 MnCrS 5	43	48	57

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1.7160	16 MnCrB 5	33	37	44
1.7168	18 MnCrB 5	39	44	52
1.7176	55Cr3	34	38	45
1.7177	60Cr3	25	29	34
1.7182	27 MnCrB 5 2	25	28	33
1.7185	33 MnCrB 5 2	26	29	35
1.7213	25 CrMoS 4	99	111	131
1.7216	30 CrMo 4	98	111	131
1.7218	25CrMo4	104	117	139
1.7220	34 CrMo 4	104	117	139
1.7223	41 CrMo 4	104	117	139
1.7225	42CrMo4	104	117	139
1.7226	34 CrMoS 4	104	117	139
1.7227	42 CrMoS 4	104	117	139
1.7228	50 CrMo 4	104	117	139
1.7243	18 CrMo 4	95	107	127
1.7311	20CrMo2	132	148	175
1.7319	20 MoCrS 3	136	154	182
1.7321	20 MoCr 4	160	180	213
1.7323	20 MoCrS 4	160	180	213
1.7325	25 MoCr 4	161	181	215
1.7326	25 MoCrS 4	161	181	215
1.7335	13 CrMo 4-5	165	186	220
1.7337	16 CrMo 4-4	170	191	227
1.7362	X12CrMo5	269	303	359
1.7380	10 CrMo 9 10	360	405	480
1.7383	11 CrMo 9-10	360	406	481
1.7386	X 12 CrMo 9 1	503	566	670
1.7701	52CrMoV4	132	148	176
1.7765	32CrMoV12-10	438	492	584
1.8062	46SiCrMo6	113	127	151
1.8159	51CrV4	76	85	101
1.8161	58 CrV 4	70	78	93
1.8201	7CrWVMoNb9-6	158	178	211
1.8515	31 CrMo 12	188	211	250
1.8519	31 CrMoV 9	153	173	205
1.8550	34 CrAlNi 7-10	253	285	338
1.8871	P460QH	37	42	50
1.8901	S 460 N	198	223	264
1.8905	P 460 N	117	132	157
1.8907	StE 500	142	160	189
1.8915	P460NL1	124	139	165
1.8928	S690QL	280	315	373
92145		57	64	76
92216		43	48	57
92421		169	190	225
92520		280	315	373
92523		229	257	305
0078 A		156	175	208
1 E 1286		54	61	72
1.1301-1.1302 mod		50	56	66
107-38MnV5		46	52	61
108-C40Mn		27	30	36
113-35CrB5		34	39	46
123-35MnCrB5		34	39	46
15CrNi6		249	280	332
18NCD4 RENAULT (C9)		186	209	248
18M		61	68	81
1DRB		60	67	79
1E0042		14	15	18
1E 0509		95	107	126
1E 0621		18	21	24
1E 0669		16	18	22
1E 0686		21	23	27
1E 0769		23	26	31
1E 0778		110	123	146
1E 0951		75	84	100
1E0997		81	91	108
1E 1054		129	146	173

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
1E 836\1E 1120		91	103	122
1E1058		109	123	146
1E1286 - 1E1286B		55	61	73
1E1497		45	50	60
16NiCrMo12		554	623	738
20MNCr5F		97	109	130
20NiCr6		222	250	297
21CrMoV5.11		421	473	561
22MnV6		83	94	111
23CrMoB3		125	141	167
23MCD5		103	116	137
23MnNiCrMo5.2		190	214	253
25CRNIMO2		230	259	307
28 CDV5.08		357	401	476
30 Cr Si Mo V 663		168	189	225
30CRMV10F		253	285	337
30NiCrMoV7		398	447	530
33MNCrMOB5		73	82	97
35MNB5		33	37	44
37MNCrMOB5		63	71	84
39MNCrB6		33	37	44
368.6		129	145	172
41CrS4 Mod 27		61	69	82
42CrMo4 JMBK		135	151	180
42CrMo4 PBK		111	125	148
42CrMo4+Ni+V		180	203	240
4330V		441	496	587
43crnimo4.6		306	344	407
4M		67	75	89
47TS2		25	28	33
50NICR13		478	537	637
56NiCrMoV7		440	495	587
605M36		100	112	133
8630/vgs		292	329	389
86B45 H		147	166	196
86CrMoV7		130	147	174
92523 Crown Wheel		229	257	305
92523 Pinion		226	254	301
A 1041 F		23	26	31
A182 F1		181	204	241
A182 F22 MOD.		358	403	478
A193 B16	ASTM	258	291	345
A193 B7		104	117	139
A320 L7		150	169	201
A694 F65		37	42	49
AISI 4140 MOD.80/110KSI		113	127	150
AISI 4145 MOD. 125KSI		157	177	209
Aisi 4130 MOD. R		146	164	194
Aisi 4718		267	300	356
Aisi 4815		578	650	771
Aisi 8630 MOD		281	316	374
AISI 8720		167	188	223
AISI410		283	318	377
AMS 6418		423	476	564
B222-5		87	98	116
B222-6(4122 MOD)		78	88	104
B222-7		80	90	107
B222-8		160	180	213
B30		26	29	34
B46-1		287	323	382
B63-1		188	212	251
B63-2 (V2525-60)		188	211	250
B79		197	221	262
C50+MO		28	32	37
D60SiMn5/ A1		40	45	53
F11		173	195	231
F22		354	398	471
F22 MOD		411	463	548
Grade 50R		167	188	223

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		Ingots & continuous casting	rcs billets, bars, coils, forged bars	Bright-steel, rough-turned and peeled
HMS 60		326	367	435
ITM 129		29	32	38
JDM 4320		341	384	455
MTS 238 / SAE 1141/I		25	28	33
P420 QH		150	169	200
PS30 SAE 4715		289	325	385
PS55		505	568	673
PS65		34	38	45
RES 10460		36	40	48
RES166380		80	90	107
S1060		428	481	571
S460NL		91	103	122
SA 508 Gr. 3		265	298	353
SA 765 Gr. 4		56	63	75
SAE 1017 MOD		19	22	26
SAE 4320 JDM		354	398	471
SAE 4820		580	653	774
SAE 8620		161	181	215
SAE 8627H		154	174	206
SAE 8822H		192	217	257
STE460		97	109	130
STE 690		304	342	406
STE 690V		237	266	316
STE500/GSA10		65	73	87
ste890		387	436	516
Steel 9313		527	593	703
TK23F		106	119	141
TK28A		105	119	141
TS45.02		10	11	13
UC1		14	15	18
V 2525-50		207	233	277
V2525-70		185	208	246
V2527-70		269	302	358
V2905-95		32	36	43
V2906		34	39	46
V2908-95		31	35	42
VSCH CRNI 2525 HL		177	199	236
VSCH-CRNI(S)-2525-U/HH+		181	204	242
VSCH-MNCR(S)-2158-U-HM		62	70	83
VSCH-MNCR(S)-2158-U-HH		71	80	94
VW 4227		36	41	48
VW 4521		359	404	479
VW1427		57	64	76
X19NiCrMo4		648	729	864
X30Cr13		262	294	349
ZF 1		253	285	338
ZF 1 A		367	413	490
ZF 49		42	48	56
ZF 50		12	14	17
ZF 6		52	59	70
ZF 63		36	41	49
ZF 64		33	38	45
ZF 7 B		43	48	57